

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

TANAKA, et al

Appln. No.: 08/838,910

Filed: April 11, 1997

FOR: OXYGEN CONCENTRATION DETECTOR



Group Art Unit: 1102

Examiner: Tung, T

RECEIVED

NOV 14 1997

GROUP 1100

\* \* \* \* \*

November 12, 1997

AMENDMENT

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Official Action dated August 15, 1997, kindly enter the following amendment and remarks.

IN THE CLAIMS:

Kindly amend the claims as follows:

9. (Twice Amended) An oxygen concentration detector comprising:  
a sensor element including a solid electrolyte and external and internal electrodes  
provided on external and internal surfaces thereof, respectively;  
a heater provided adjacent to said internal surface of said sensor element;  
wherein said heater consists of one or more materials selected from a group consisting  
of silicon nitride, aluminum nitride and silicon carbide,

F1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT  
APPLICATION

Inventor(s): TANAKA, et al.

Appl. No.: 08

838,910

Series Code ↑

Serial No. ↑

Filed: April 11, 1997

Title: OXYGEN CONCENTRATION DETECTOR

Group Art Unit 1102

Examiner: Tung, T

Atty. Dkt. 235648

41897-US-JSJ

M#

Client Ref

(Our Deposit Account No. 03-3975)

(Our Order No. 30954

235648

C#

M#

Date:

November 12, 1997

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

RECEIVED

NOV 14 1997

Sir:

## RESPONSE/AMENDMENT/LETTER

GROUP 1100

This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed

- ☐ previously  
☐ herewith

(No.)

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code
2. Total Effective Claims	20	**minus 20	0	x \$22/\$11 =	+ 0	103/203
3. Independent Claims	5	***minus 5	0	x \$82/\$41 =	+ 0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... add				+ \$270/\$135 =	+ 0	104/204
5. Original due Date: November 15, 1997	<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo)	\$110/\$55 =				115/215
	(2 mos)	\$400/\$200 =	+ 0			116/216
	(3 mos)	\$950/\$475 =				117/217
7. Enter any previous extension fee paid since above original due date and subtract						
8.	Extension Fee Attached				+ 0	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....				+ \$110/\$55 =	+ 0	148/248
10. If IDS attached requires Official Fee, ..... add				+ \$240 =		126
or if Rule 97(d) Petition ..... add				+ \$130 =	+ 0	122
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$790/395 =	+ 0	146/246
12. No. of additional inventions for examination per Rule 129(b) .....				x \$790/395 ea =	+ 0	149/249
13. Petition fee for					+	
14.	TOTAL FEE ENCLOSED =				\$0	

15. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

16. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Cushman Darby & Cushman  
Intellectual Property Group of  
Pillsbury Madison & Sutro LLP

By: Atty: Michelle N. Lester

Sig:

Reg. No. 32331

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NOTE: File this cover sheet in duplicate with PTO receipt (CDC-103A) and attachments